(b) if so, whether any decision has been taken to launch the satellite with the Side Looking Radar with the help of the USSR?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) No, Sir, The side looking radar is an imaging sensor working in microwave region and is only one of the serveral possible imaging sensors which can be flown on a remote sensing satellite, whereas the Indian Remote Sensing Satellite is a total satellite system consisting of three imaging sensors operating in visible and near IR regions, supported by a spacecraft bus with power systems, attitude and orbit control systems, data transmission systems and telemetry, tracking and command systems. IRS-IA which was successfully launched on March 17, 1988 is fully operational and is providing high quality imaging data for use in several areas of remote sensing applications.

(b) The possibility of flying an Indian built microwave remote sensing system including a Synthetic Aperture Radar (SAR) with Soviet cooperation is being explored.

Production of Integrated Circuit Pieces

1458. SHRI YALLA SESI BHUSHANA RAO: Will the PRIME MINISTER be pleased to state:

(a) what is the present production of Integrated Circuit pieces by the Semiconductor Complex Limited;

(b) whether it is a fact that the World Bank has offered consultancy and financial assistance to make the Integrated Circuit pieces by the Semiconductor Complex Limited a firm of international standard and utilise the infrastructure to its maximum capacity;

(c) whether it is also a fact that in case the above offer is accepted, the Semiconductor Complex Ltd. would be able to fabricate 50 million Integrated Circuit Pieces by the end of 1989; and

(d) if so, whether Government have accepted the offer of the World Bank?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF OCEAN, DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) The production of integrated circuit pieces by Semiconductor Complex Ltd. during 1987-88 was 6.04 million pieces.

(b) The World Bank Electronics Project Preparation Mission visited India from November 30 to December 16, 1987. The Mission has indicated that the World Bank could assist Department of Electronics in financing a study, if requested, of LSI/VLSI manufacture in India under either a Project Preparation Facility (PPF) approach or when the electronics sector development project consisting of several elements, becomes effective. This study could be the basis of World Bank financing for further expansion of this industry in India.

(c) No, Sir. The proposal is only a study and consultancy.

(d) No, Sir.

Bringing the Ganga to Kanpurghat

1459. SHRI YALLA SESI BHUSHANA RAO: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the National Water Resources Commission submitted its